



# Atlantic Richfield Company (a BP affiliated company)

P.O. Box 6549

Moraga, California 94570 Phone: (925) 299-8891 Fax: (925) 299-8872

December 15, 2005

Re:

ARCO Service Station #2114 4995 Almaden Expressway

San Jose, CA

Well Destruction Report

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple

Environmental Business Manager



December 15, 2005

Mr. Mamerto Jorvina Santa Clara County Department of Environmental Health 1555 Berger Drive, Suite 300 San Jose, CA 95112-2716

Re: Well Destruction Report

ARCO Service Station #2114 4995 Almaden Expressway

San Jose, California

SCVWD ID No.: 08S1E04N01f

Dear Mr. Jorvina:

At the request of Remediation Management (RM - a BP affiliated company), URS Corporation (URS) has prepared this *Well Destruction Report* for the ARCO Service Station #2114 located at 4995 Almaden Expressway in San Jose, California. The scope of work consisted of destroying the remaining three on-Site groundwater monitoring wells (MW-6 through MW-8) for RM. Currently, no groundwater monitoring wells associated with the Site remain on-Site. One leak detection monitoring probe (LDMP) was not destroyed and remains on-Site. The well locations are shown on Figure 1.

#### SITE DESCRIPTION

The Site is located at the northwest corner of the intersection of Almaden Expressway and Cherry Avenue in San Jose, California. The Site is an active retail service station with a station building, two fuel dispenser islands, and three double-wall gasoline USTs. The Santa Clara County Department of Environmental Health (CSCDEH) approved case closure for the Site on October 4, 2004.

#### **Well Destruction Activities**

URS personnel supervised a California licensed-driller destroy groundwater monitoring wells MW-6 through MW-8 by pressure grouting the well casings. Well destruction activity details are presented below.

Personnel Present: URS Geologists, John McCain (California Professional Geologist

No. 8020) and Kirk Martin.

Santa Clara Valley Water District (SCVWD) Permit # 05D00581

(MW-6), 05D00582 (MW-7), and 05D00583 (MW-8).

**Drilling Company:** Gregg Drilling of Martinez, California (C-57 License # 485165).

URS Corporation 1333 Broadway, Suite 800 Oakland, CA 94612-1924 Tel: 510.893.3600 Fax: 510.874.3268

Permits:

Mamerto Jorvina

Page 2 of 2

December 15, 2005

Date of Destruction:

October 6, 2005.

Number of Wells:

Three monitoring wells (MW-6, MW-7, MW-8).

Destruction Method:

Wells were pressure grouted using a neat cement mixture

according to SCVWD well destruction guidelines.

**Destruction Notes:** 

Three wells were pressure grouted from the bottom to the ground surface using a Tremie pipe applying 25 pound per square inch of pressure for five minutes each. Copies of the Department of Water

Resources (DWR) well completion reports are included in

Attachment B.

Soil and Water Handling:

There were no soil cuttings or rinsate water produced during the

destruction activities.

We appreciate the opportunity to present this *Well Destruction Report* to the CSCDEH on behalf of RM and trust that this document meets with your approval. Please do not hesitate to contact us at (510) 893-3600 with any questions or comments.

Sincerely,

URS CORPORATION

No. 8020

John McCain, P.G. Project Manager

Attachments:

Figure 1

Site Map

Table 1

Well Construction and Destruction Details

Attachment A

SCVWD Well Destruction Permits

Attachment B

DWR Well Completion Reports (original copy submitted to SCVWD Wells

Division)

cc:

Mr. Paul Supple, RM (electronic copy uploaded to ENFOS)

### Summary of Well Construction and Destruction Details

### Arco Station # 2114 4995 Almaden Expressway, San Jose, CA Well Destruction Details

Well ID	Well Type	Well Diameter (inches)	Screened Interval (feet bgs)	Depth to Bottom of Boring (feet bgs)	Well Destruction Method
MW-6	Monitoring	4	17 - 31.5	32.00	Pressure Grout
MW-7	Monitoring	4	18 - 33.5	34.00	Pressure Grout
MW-8	Monitoring	4	18 - 32.5	33.00	Pressure Grout

Notes:

bgs = Below ground surface

## **Attachment A**

**SCVWD Well Destruction Permits** 



□ Rotary

☐ Cable-Tool

☐ Hand Dug Pit Well

## WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

· .	1 C1			Page 1 of 4		
5750 ALMADEN EXPRESSWAY, SAN JOS Please complete all information.				permit no.: 05000581		
Well Owner:	Property Owner:	_	Name of B	usiness/Residence at Well Site:		
Atlantic Richfield Company	Atlantic Richfield (		ARCO S	ervice Station # 2//4		
Well Owner's Mailing Address:	Property Owner's Mailir	ng Address:		Address of Well Site:		
P.O. Box 6549	P.O. Box 6549		4995	Almaden Expressury		
City, State, Zip:	City, State, Zip:		City. State,	Zip:		
Moraga CA 94570	Moraga, CA 94570		San Jo	Parcel Number of Well Site:		
Telephone No.:	Telephone No.:		Assessor's	Parcel Number of Well Site:		
925-299-8891	925-299-8891			9 Page: 0/ Parcel: 036		
Consultant:		Drilling Company:	DOOK. O	/ Fage. 9 / Farcei. 9 9		
URS Corporation		Gregg Drilli	na			
Address:		Address:	ug			
1333 Broadway, Suite 800		950 Howe Ro	and			
City, State, Zip:		City, State, Zip:	Jau	····		
Oakland CA 94612		Martinez, CA 9	4553			
Telephone No.:		Telephone No.:	1000	C-57 License No.:		
510-874-3026 Attn: John McCain		925-313-5800		485165		
☐ Check if address or phone number has change	ed.	Check if address of	r phone numb	er has changed.		
All questions below are to be complete investigation to determine correct answ	d before permit can vers.	be issued; if unkno	wn, applica	nt shall make on-site		
	Well Info	rmation				
Well Registration No.:	Owner/Consultant Well N	lo.:	Original We	l Construction Permit No.;		
08501E04N008	MW-6		61	W00986		
Well Casing Depth: 21.5	Total Boring Depth:	1	Well Casing Diameter:			
3	54	<u> </u>		411		
THIS SECTION TO BE COMPLET	TED FOR ALL MONIT	ORING WELLS OR EX	TRACTION/	RECOVERY WELLS		
CASE NAME: ARCO Service Station	•		-			
Oversight Agency: Santa Clara Co. Env. Health	If under S.C.V.W.D. ove	reight liet Casa Number/e	·1·			
	, w dildo, 0.0.7.17,B. 07¢	isigni, nai Oase Munibol(s				
☐ Well on SCVWD property/easement*	☐ Well is within 50 feet	of the top of a creek/rive	r bonkt	# San Oanard Oan different Ex		
Well Description:		of the top of a creentive	I Dalik	(* See General Conditions, E.)		
Vertical Well Dewatering Well	☐ Elevator Shaft	☐ Multiple Casing	[] Harinan	And 144-14		
Well Type: check all that apply	LI Covator Chall	☐ Multiple Casing	☐ Horizon	ital Wall		
l <del></del>	01					
☐ Water Producing ☐ Contamination ( supply or extraction)	Cleanup LI Agriculti	ural Domestic	Municipal 8	Industrial		
Monitoring Inclinometer Groundw	ater 🔲 Vadose 🔲 I	Piezometer 🔲 Interfac	e 🔲 Suc	tion Lysimeter		
☐ Injection/Infittration ☐ Contar	nination Cleanup	Reclaimed Water		☐ Air Sparging		
Cathodic Protection				. 1		
Addition	onal Questions Fo	r Water Producing	Wells			
Does the well have: 1. Outer conductor cas	ing?		No			
2. Annular cement sea	l outside of casing at		No			
surface?	-	<del></del>	_			
3. A S.C.V.W.D. water	meter attached?	☐ Yes 🖸	No	ł		
Type of Original Drilling Method:						

**IMPORTANT** 

Hollow Stem Auger

Other:

## WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

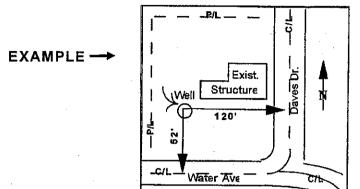
Page 2 of 4

### Site Plan

#### **WELL LOCATION**

(Draw accurately; recommend using assessor's map)

- Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
- 2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.



Sketch well location as described above:

See

attached map

## WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 3 of 4

Please describe, in detail, the proposed destruction method*		
Well destruction via pressure grout according to	SCVWD guidelines.	
, <sub>(b, b)</sub>		
*Any well destruction in which the well casing is left in destroyed using approved neat cement grout.	n place and in which the well has a filter	pack outside the casing, must be
I understand that all work is to be done in accordance of conditions of this permit (see page 4). I also certify that NOTE: All applicable signatures must be present before	the information given in this permit is co	
Signature of Well Owner/Agent:	Print Name:	Date:
All tour	Andrew Fourth for Atlantic Richfi	eld Co 8/30/05
Signature of Driller/Agent:	Print Name:	Date:
Astro Claus	Andrew Fowler for Gregg Drilling	g 8/30/02
Signature of Consultant (if any):	Print Name:	Date:
Million Con	Andrew Forth	6 30 03
	ISPRICE ENGRAPH	
The District has approved the following destruction	n methods for the well described in the	nis permit:
Pressure Grout Method (as outlined in Standar NOTE: Neat cement is the only sealing material Drill out well to a total depth of	ds). al approved for pressure grouting. feet, with a minimu	10
Drill out well to a total depth of	feet, with a minimu	m bore of inches.
☐ Clean out well casing to a total depth of depth is unknown, driller must determine total material approved for back filling gravel packet	depth during clean out of well). NOTI	roved sealing material (if total E: Neat cement is the only sealing
☐ Well casing must be perforated at the following	depths prior to backfilling:	
☐ Other:		
***************************************		
Permit Approved By:		Date:
4 Cann		9-14-05
District Permit No.: Date Issued:	Expiration Date:	Driller's Log No.:
057 00581 9-14-	05 3-14-06	029749

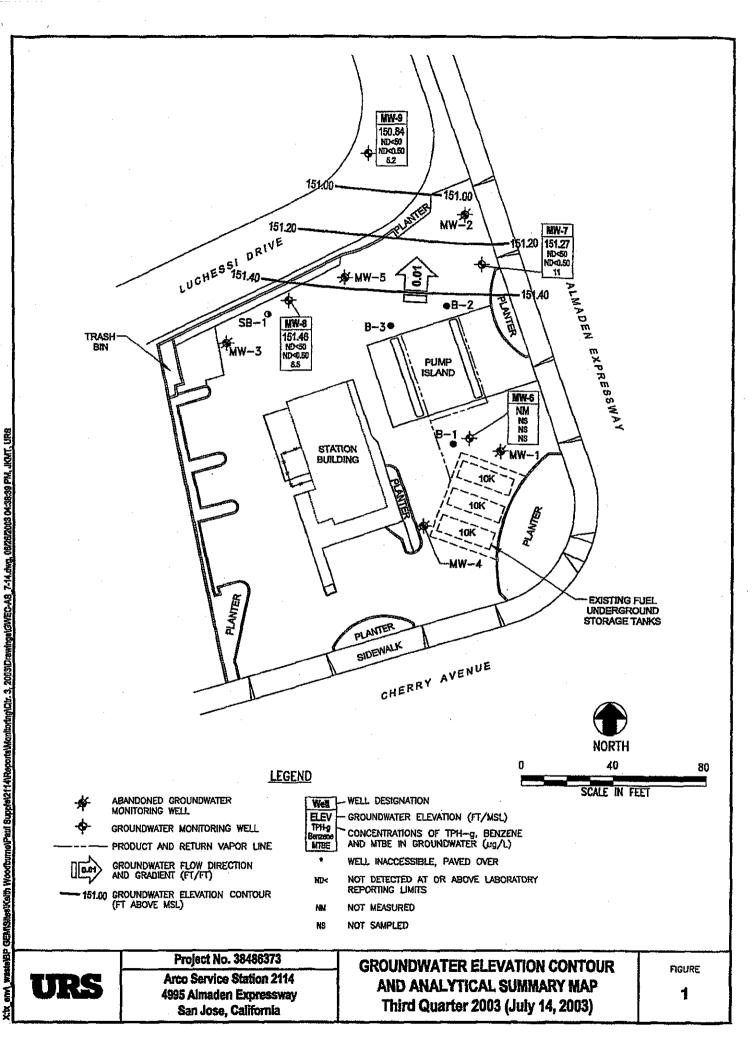
### WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

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### **GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- 1. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.



## **SECOR**

International Inc					<u> </u>		D. last Marce		1	Method/Equipm	ent.	Well	Number:	
Logged By:	Date Dr	illed:		ing Cont			Project Name: ARCO #2114		Califo	rnia Modified	Split Spoor	1)	1	
CM	8/30/	01	""	(B-57)		4995 Almaden Expwy, San Jose OVM 580 B				IV.	<u>W-6</u>			
	Logs" for			ring		unface	Groundwater			Total Depth (ft.):	Drive wt.(Ibs.):	l	Drop Dist.(in.):	
See "Legend to sampling metho classifications	oo, ind labora	utory		a.(mī.):		ev (ft.): <b>75.64</b>	▼ 150.74 F	irst Water		32.0	140	ļ	30	
testing method:	<u> </u>			10		/3.04	-102.10 Buil	711122012 111						
Well Construct Casing Elev.: 1		Depth, (ft.)	Sample Type	Blows/12"			I	Descriptio	n			PID (ppm)	SAMPLEID	
			18883			Asphalt								
Locki Vault	ng Well				9a s	Baserock/F Very Dark clay, fine-g (0, 30, 60,	Grayish Brown rained sand, ha 10)	rd, moist, l	low pla	vith silt, fine-grai	_	,		
Ceme		5-										0		
2 40 P	hedule VC Casing	10-		19		Dark Brow	vn (7.5YR 3/2) ed sand, medium	SILTY SA n dense, m	ND (S	M), with gravel, 5, 65, 20, 0)		0	MW-6 10'	
Bent	onite	15-		16		Dark Gray	rish Brown (10) ed sand, stiff, m	YR 4/2) SA poist, low p	ANDY olasticit	CLAY (CL), wit y (0, 40, 10, 50)	h silt,	0	MW-6 15'	
			-X -X -X			Dark Gray and clay, 1 (55, 20, 1	ine-grained san	R 4/2) SA d, fine sub	NDY Coangular	FRAVEL (GM), r gravel, very der	with silt nse, moist	12		
Sand		20-								ual classification	of onthing	9	samples	

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

ARCO2114.GPJ LOG OF BOREHOLE Log of Well

Ammoned ha

Figure

(sheet 1 of 2)

# SECOR

International Incorporate Logged By. Date D CM 8/30	rilled /	WO	ng Cont ODW 2 (B-57)	ARD ARCO #2114 California Modified Split Spoon OVM 580 B						N	Well Number:  MW-6	
See "Legend to Logs" for sampling method, classifications and labor testing methods	ratory	Bor Diam 1		E	urface ev.(ft.): 75.64	Groundwater Elevation	er	Total Depth (ft.): 32.0	Drive wt.(lbs.): 140	]	Drop Dist.(in.):	
Well Construction	Depth, (ft.)	Sample Type	Blows/12"			PID (ppm)	SAMPLEID					
4" Schedule 40 PVC 0.020 Slotted Screen  End Cap	35-		40		stiff, moist	YR 4/3) CLAYEY SILT, low plasticity (0, 20, 55) SANDY SILT with clay 32'.	0,25)	STERED GEORGE	, very	0	MW-6 25	

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

ARCO2114.GPJ LOG OF BOREHOLE Log of Well

Approved by

Figure

(sheet 2 of 2)

## WELL CONSTRUCTION COMPLETION NOTICE

FCE 158A (08-14-98)

Inspector		emo	2nn			Date of Ins	pection: /	20/0	Permit:	11.1000
Owner/Consultant	t Well No.:	nw-	6	4.	į.	Well Regist	ration Nb.:		85/150	1W009
Well Dwner D-	1.		Add	ess of	Well Site: Z	995	A .		8501E0	
Drilling Company:	ntiela				/	<u> 172 /</u>	1/mas	len E		r County: 5.7
-	<u> </u>	dw	ard		Consultant:	- '			SE	100
Cond. Bore:	Conductor (	Depth:	Co & N	nductor faterial	Diameter (	5	_		JE	OR M
™ 32	ВО	3	2	Borir		Blank C	asing Dian	neter	4"PVC	<del></del>
Filter Pac #3	Filter Pack	P-E	ent 5						<del></del> _	
Sealing Material:	Interval(s):					eter Material,	020	Screen Interval	(s): 32	-17
ocamy waterial:	Neat Cen				nd Slurry	Drilling Met	hod: 🔯		☐ Mud rotary	Other (See
	☐ Bentonite		☐ Othe	r (See	Comments)	ļ	6	Direct Push	☐ A.: Rotary	Comments)
Well Type: SGW		☐ GV	V Extraction	n [	☐ Vadose Mor	itoring 📋	Vadose Ex		☐ Cathodic	
C Dor	mestic	🗆 Ag	ricultural	[	☐ Municipal/In		Elevator			
Well constructed a	ocordina to		<u> </u>						Uther (S	ee Comments)
Well constructed a		O SUDISIONS	r Santa Ci	ara Val	ley Water Distr	ct Permit?	Yes	☐ No (	See Comments)	· · · · · · · · · · · · · · · · · · ·
Well Location: /	15 n(s)	<b>k</b> :	hur	u)	R. E/W:	C	4			-
GPS Coordinates:	L	at:		<del>/</del>	<del></del>		71	W/O	Almader	ZXP
Comments:	37		20		Long:	·	<u> </u>			1
	<u> </u>	/>	<u>33,                                    </u>	<i>3+</i>	N		121	52	35.8	111
						··			- 5570	_w
Distribution - Sacr						GOLDNENR	i e			

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

## WELL CONSTRUCTION APPLICATION

		ation valuation		
	Per james		Wal tred stration for	
Control of the second			State as a second	
TANKS	2 2010	92-	7	198Us
	TO BE COMPLETED B	Y OWNER AND DRILLE	R j	at Managaman
Property Owner:	Well Owner (if different	<b>):</b> ﴿}⁄	Drilling Co:	
Attautic Richfield Co.		<u>k</u>	Mooding	
P.O. Box 6549	Address of Well Site:	uden Exprwu	Driller's Contractors	
City, State, Zip: Morocco, CA 94570	City, State, Zip:	A 95118	Address: 550 RIV	er Road
Telephone No. 7 - 299 - 8891	Telephone No 925-290	18891	City, State, Zip:	ta, CA9 4571
Assessor's Parcel No. of Well site:  Book 569 Page 01 Parcel 0	Owner's/Consult	tant's Well No:	Telephone No:	74-4300
Estimated depth of completed well:	Less than 50 ft.	☐ 50 to 300 ft.	Over 300 ft.	
Purpose of Well: Domestic	Municipal/Industrial	Agricultural	☐ *Monitoring	Cathodic Protection
*Monitoring wells are those constructed for the This includes wells constructed for general expli- Hazardous Materials Storage Permit Ordinance tanks.	ourpose of obtaining reper cration and investigation programmer of the country of	trive water level measure purposes as well as those ater monitoring of existing	ments and/or repetitive to be constructed in or underground hazardor	air samples for analysis, onformance with the us materials storage
THIS SECTION TO BE COMPL	ETED FOR ALL MONI	TORING WELLS OR	EXTRACTION/REC	OVERY WELLS
		lous Materials Storage Pe		Exploration studies
_ :::		<u>ce Investiq</u>	ation 1	Extraction/Recovery
NAME OF BUSINESS AT WELL SITE: 🗛	200 Service	e codes to co	入 り ロココ	
<i>y</i>	- JO 110	<u> </u>	16119	<del></del>
If proposed well is to meet compliance with a He		<u> </u>	the City or County beer	contacted? Yes No
<i>)</i>		pe Permit Ordinance has Type of monitoring devi	ce: Groundwater	o contacted? Yes No
If proposed well is to meet compliance with a Ha		ge Permit Ordinance has Type of monitoring devi- Type of extraction device	Groundwater Groundwater	☐ Vadose ☐ Vadose
If proposed well is to meet compliance with a Hardington of the Consultant's Name (Company):	azardous Materiais Stora	pe Permit Ordinance has Type of monitoring device Type of extraction device Monitoring well use:	ce: Groundwater e: Groundwater Depth Q	☐ Vadose ☐ Vadose uality ☐ Chlodde
If proposed well is to meet compliance with a Haraconsultant's Name (Company):  SECOR Totemation Address:	azardous Materiais Stora	Type of monitoring device Type of extraction device Monitoring well use:	Ge: Groundwater Groundwater Groundwater Depth Quant Vapor Int	Vadose  Vadose  Vadose  Valorida  V
If proposed well is to meet compliance with a Hi Consultant's Name (Company): SECOR Totemation	azardous Materiais Store	Type of monitoring device Type of extraction device Monitoring well use:	Ge: Groundwater Groundwater Groundwater Depth Quant Vapor Int	Vadose  Vadose  Vadose  Valorida  V
If proposed well is to meet compliance with a Haraconsultant's Name (Company):  SECOR Totemation Address:	azardous Materiais Store	Type of monitoring device Type of extraction device Monitoring well use:	Ge: Groundwater Groundwater Groundwater Depth Quant Vapor Int	Vadose  Vadose  Vadose  Uality Chloride  erface (1) Buchtor(1) supplier
If proposed well is to meet compilance with a His  Consultant's Name (Company):  SECOR Internation  Address:  1225 Pear Ave, S-	azardous Materiais Store	Type of monitoring device Type of extraction device Monitoring well use:	Ge: Groundwater Groundwater Groundwater Depth Ground On Vapor Int Value of Responsible Pfototion of signature will	Vadose Vadose Vadose Vadose  Lality Chlorida  Lerinos TV Buctor(1) streeter  Lerinos TV Bucto
Consultant's Name (Company):  SECOR Internation Address: [725 Pear Ave, 5- City, State, Zp: M+-View, CA 940 Telephone No.: (650-691-013) TOPOGRAPHIC FEATURES	ezardous Materiais Stores	Type of monitoring device Monitoring well use: Vadose device installation Signation substantial Registration No. Civil Engineer	Ge: Groundwater Gr	Vadose  Vadose  Vadose  Vadose  Valorida  Colorida  Vadose  V
Consultant's Name (Company):  SECOR Internation  Address: [275 Pear Ave 5- City, State, Zip: M+-View, CA 940  Telephone No.: 650-61-013  TOPOGRAPHIC FEATURES Well is to be constructed: In a public side	azardous Materiais Storag	Type of monitoring device Type of extraction device Monitoring well use:  Vadose device installation of the substantial of the	Ge: Groundwater Groundwater Groundwater Depth Groundwater Vapor Int Vapor Int Order Order Order OR	Vadose  Vados
Consultant's Name (Company):  SECOR Internation Address: [725 Pear Ave, 5- City, State, Zp: M+-View, CA 940 Telephone No.: (650-691-013) TOPOGRAPHIC FEATURES	azardous Materiais Stores  ALOC  10  43  walk   In a public road	Type of monitoring device Monitoring wall use: Vadose device installation of the substantial of the substant	Ge: Groundwater Groundwater Groundwater Depth Groundwater Vapor Int Vapor Int Order Order Order OR	Vadose  Vadose  Vadose  Vadose  Valorida  Colorida  Vadose  V
Consultant's Name (Company):  SECOR Totemation  Address:  [725 Pear Ave, 5-  City, State, Zp:  M+-View, CA 940  Telephone No.:  (SO-(A1-013)  TOPOGRAPHIC FEATURES  Well is to be constructed: In a public side  Within 60 ft of the lop of a creek bank	ezardous Materials Storeg	Type of monitoring device Monitoring wall use: Vadose device installation of the substantial of the substant	Groundwater  Groundwater  Groundwater  Depth Quantil Q	Vadose  Vadose
Consultant's Name (Company):  SECOR Internation  Address:  [275 Pear Ave S-  City, State, Zip:  Mt-View CA 940  Telephone No.:  (50)-(A1-013)  TOPOGRAPHIC FEATURES  Well is to be constructed: In a public side  Within 50 ft of the lop of a creek bank  Within 50 ft. of a sanitary sewer	walk   In a public road	Type of monitoring device Monitoring well use: Vadose device installation of the substallation of the substallatio	Groundwater  Groundwater  Groundwater  Depth Quantil Q	Vadose  Vados
Consultant's Name (Company):  SECOR Totemation  Address:  [725 Pear Ave, 5-  City, State, Zp:  Mt-View, CA 9400  Telephone No.:  (SO-GI-013)  TOPOGRAPHIC FEATURES  Well is to be constructed: In a public side  Within 50 ft of the lop of a creek bank  Within 50 ft. of a sanitary sewer  Within 100 ft. of a pli privy, septic tank, leachfiek	walk In a public road Yes X Yes X AND DRILLER/AGENT:	Type of monitoring device Type of monitoring device Monitoring well use:  Vadose device installation of the substallation of the substa	Groundwater  Groundwater  Groundwater  Depth Quantum of Responsible Problem of Responsible	Vadose  Vadose
Consultant's Name (Company):  SECOR Internation Address: [275 Pear Ave S- City, State, Zip: M+-View, CA 940! Telephone No.:  COMPANY CA 940!  Topographic Features Well is to be constructed: In a public side Within 50 ft. of a sanitary sewer Within 50 ft. of a pit privy, septic tank, leachflek  CERTIFICATION BY WELL OWNER/AGENT I certify that the information given above is conconditions of this permit, the Santa Clara Valle of the County or City, as appropriate. It is my	walk In a public road Yes X Yes X AND DRILLER/AGENT:	Type of monitoring device Type of monitoring device Monitoring well use:  Vadose device installation of the substallation of the substa	Groundwater  Groundwater  Groundwater  Groundwater  Depth Co.  On   Vapor   Int  Va	Vadose  Vadose
Consultant's Name (Company):  SECOR Internation Address: [275 Pear Ave S- City, State, Zip: M+-View, CA 940! Telephone No.:  COMPANY CA 940!  Topographic Features Well is to be constructed: In a public side Within 50 ft. of a sanitary sewer Within 50 ft. of a pit privy, septic tank, leachflek  CERTIFICATION BY WELL OWNER/AGENT I certify that the information given above is conconditions of this permit, the Santa Clara Valle of the County or City, as appropriate. It is my	walk   In a public road   Yes   X   AND DRILLER/AGENT: rect to the best of my kno y Water District's Ordinan responsibility as the well of	Type of monitoring device Monitoring well use: Vadose device installation of the Signal (No substance) Registration No. Civil Engineer  On public property No Within 50 ft. of any end of the wells exist on the Status:  Wedge. I certify that the component on notify this District	Groundwater  Groundwater  Groundwater  Groundwater  Depth Co.  On   Vapor   Int  Va	Vadose  Vados

MAPORTANT: A minimum 24-hour notice must be given to SCVWD Well Inspection Dept. prior to installing the armular seal.

Call (408) 927-0710 Ext. 2660. For weekends, holidays, after hours call (408) 395-8121 or (408) 927-0714.

ORIGINAL File with DWR				OF CALIF			SE ONLY -	OO NOT FILE IN	
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Local Permit Age		ü) D	1-1-	di:				l l l l l	
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	-					SOUTH		SPARGING	7
				1.	Hustrate or Describ Fences, Rivers, etc.	e Distance of Well from Roamend attach a map. Use addition BE ACCURATE & COMP	ds. Buddings. onal raper if	REMEDIATION OTHER (SPECIFY)	
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		<u> </u>		3	WATE	R LEVEL & TIELD	OF COMPL	ETED WELL	
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TOTAL DEPTH OF BO	ORING 32 Feet					" (GPM) & 1		•	
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Geologic L		I, the unde	ersigned, ce	rtify that thi	s_report is complet	e and accurate to the t	est of my kn	Owledge and belief	
	ruction Diagram	NAME S	AUR.	TUI	PRNATIO	NAL			
Geophysics	·	(PERS	ON, FIRM, OR C	ORPORATION	TYPED OR PRINTED)				- ii
Soil/Water	Chemical Adalyses	220	, ut	HORN	ST. MO	JUTANN VLE	<u> </u>	A 94043	2
Other	SUB PURN	ADDRESS S	malle A	Chil	i On Man	Vin al all a	bula	STATE ZIP	
ATTACH ADDITIONAL INF	FORMATION, IF IT EXISTS.	Signed	SRALLEN/AUTHO	HZED MEMBESET	HARD VCC	ywaia 7	12410	L +1W+9	
DWR 188 REV. 11-97	IF ADDITION	IAL SPACE IS				NUMBERED FORM	John	179	<u> </u>
									5

THE THE PARTY OF T

# Sanka Clara Valley Water District 5750 ALMADEN EXPRESSWAY SAN JOSE, CA 96118-3686

# 4995 Almaden Expwy





APN: 56901036 4995 Almaden Expy San Jose CA 95118 Well Annotations- 9 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	08S01E04N008	01W00986	MW-6	Other-Active	6161047	1919818
2	08S01E04N009	01W00987	MW-7	Other-Active	6161057	1919888
3	08S01E04N010	01W00988	MW-8	Other-Active	6160948	1919873
4	08S01E05R008	86W0272	A2114-B7	Other-Active	6160923	1919795
5	08S01E05R009	96D01033	MW-3	Destroyed	6160938	1919852
6	08S01E05R010	96D01034	MW-2	Destroyed	6161044	1919891
7	08S01E05R011	96D01030	MW-1	Destroyed	6161029	1919801
8	08S01E05R012	96D01032	MW-4	Destroyed	6160995	1919784
9	08S01E05R013	96D01031	MW-5	Destroyed	6160995	1919880

Wells.shp

Water Supply - Active

Water Supply - Standby

Water Supply - Inactive

Extraction (Env) - Active

Extraction (Env) - Inactive

Other - Active

Other - Inactive

Abandoned

Destroyed

Status Undetermined

Parcels.shp

Fuelleak.shp

VALFLOOR.SHP

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Approximate Scale

40 0 40 80 Feet

)EGEIVE

AUG 3 200

## **WELL DESTRUCTION APPLICATION**

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOS	E CA 95118-3686		DISTRICT	PERMIT NO.:
Please complete all Information.	e i spiger			05D06582
Well Owner:	Property Owner:			usiness/Residence at Well Site:
Atlantic Richfield Company	Atlantic Richfield C	Company		ervice Station # 2//4
Well Owner's Mailing Address:	Property Owner's Mailin	g Address:		f Well Site:
P.O. Box 6549	P.O. Box 6549		4995	Almaden Expressivary
City, State, Zip:	City, State, Zip:		City. State.	Zip:
Moraga, CA 94570	Moraga, CA 94570		San J	ose, CA.
Telephone No.:	Telephone No.:	•	Assessor's	Parcel Number of Well Site:
925-299-8891	925-299-8891		Book: 5	69 Page: 01 Parcel: 036
Consultant: URS Corporation		Drilling Company:		
Address:		Gregg Drillin	g	· ·
1333 Broadway, Suite 800	•	Address:		
City, State, Zip:	<u></u>	950 Howe Ro	ad .	
Oakland CA 94612		Martinez, CA 94	1552	
Telephone No.:		Telephone No.:	נננו	C-57 License No.:
510-874-3026 Attn: John McCain		925-313-5800		485165
Check if address or phone number has change	ed.	☐ Check if address or	phone numb	er has changed.
All questions below are to be complete	d before permit can	be issued; if unknov	n, applica	nt shall make on-site
investigation to determine correct answ	vers.			
	Well Info	rmation		
Well Registration No.:	Owner/Consultant Well N		Original We	Il Construction Permit No.:
08S0/B04N009 Well Casing Depth:		W-7		1600987
33.5	Total Boring Depth: 3	4	Well Casing	Diameter:
THIS SECTION TO BE COMPLET		·		<u> </u>
THIS SECTION TO BE COMPLE CASE NAME: ARCO Service Station	IED FOR ALL MONN	JRING WELLS OR EX	RACTION	RECOVERY WELLS
Oversight Agency: Santa Clara Co. Env. Health	If under S.C.V.W.D. over	rsight, list Case Number(s)	:	
☐ Well on SCVWD property/easement*	Moll is within 50 foot	of the ten of a seculities	L t.m	
Well Description:	Men is within 50 leet	of the top of a creek/river	bank"	(* See General Conditions, E.)
☑ Vertical Well ☐ Dewatering Well	☐ Elevator Shaft	T Multiple Continu	<b>—</b>	
	Lievator Stratt	Multiple Casing	Horizor	ntal Wall
Well Type: check all that apply			_	
☐ Water Producing ☐ Contamination ( (supply or extraction)	Cleanup	ıral 🗌 Domestic 🕻	Municipal a	& Industrial
Monitoring Inclinometer Groundw	ater 🔲 Vadose 🔲 F	Piezometer	Suc	tion Lysimeter
☐ Injection/Infiltration ☐ Contar	mination Cleanup	☐ Reclaimed Water		☐ Air Sparging
☐ Cathodic Protection				
Addition	onal Questions Fo	r Water Producing	Wells	
Does the well have: 1. Outer conductor cas		☐ Yes ☐		
2. Annular cement sea		H Yes H		
surface? 3. A S.C.V.W.D. water	mater attached?		fri .	·
Type of Original Drilling Method:	motor attached!	Yes 🗗	INU	
	Pit Well 171 Unlaws	tom Augus - ET Office		
☐ Rotary ☐ Cable-Tool ☐ Hand Dug	Pit Well	tem Auger 🔲 Other	:	

## WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 2 of 4

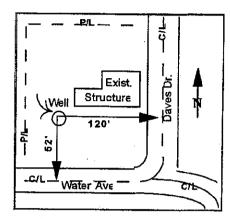
## Site Plan

#### **WELL LOCATION**

(Draw accurately; recommend using assessor's map)

- 1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
- 2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.





Sketch well location as described above:

Sce

attached map.

## **WELL DESTRUCTION APPLICATION**

FC 198w (12-16-02)

Page 3 of 4

Please describe, in detail, the proposed destruct	tion method*:			·
Well destruction via pressure grout acc	cording to SCVWD	guidelines.		
*Any well destruction in which the well casi destroyed using approved neat cement grou	ng is left in place and i	n which the well has a	filter pack outside	the casing, must be
I understand that all work is to be done in ac conditions of this permit (see page 4). I also NOTE: All applicable signatures must be pr	certify that the informat	ion given in this permit		ndards, and the
Signature of Well Owner/Agent:	Print Name			Date:
Metro tour	4ndnew	LURS for Atlantic R	ichfield Co	K/29/05
Signature of Driller/Agent:	Print Name	•		Date: /
Melso tun	Andrew i	URS for Gregg D	Drilling	8/29/05
Signature of Consultant (if any):	Print Name	•		Date:
Attanic low	Andrew	Fouler		8/29/05
	DISTRICIEL	SECONLY		
The District has approved the following of	destruction methods f	or the well described	in this permit:	
Pressure Grout Method (as outlined in NOTE: Neat cement is the only sealing	ng material approved			
Drill out well to a total depth of	55	feet, with a mir	nimum bore of _	O inches.
Clean out well casing to a total depth depth is unknown, driller must determaterial approved for back filling gra	mine total depth durin	eet and back fill with g clean out of well). N	approved sealin NOTE: Neat cem	g material (if total ent is the only sealing
☐ Well casing must be perforated at the	e following depths pri	or to backfilling:		
Other:				
<u> </u>				
	***************************************			· · · · · · · · · · · · · · · · · · ·
	· · · · · · · · · · · · · · · · · · ·			
Permit Approved By:			Date:	
B Cer	···		9	-14-05
	ite Issued:	Expiration Date:	Driller's Log	No.:
05700582	9-14-05	3-14-06	020	9750



### WELL DESTRUCTION APPLICATION

EC 198w /12-16-02

Page 4 of 4

#### **GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- 1. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

## **SECOR**

Description	CM   8/30/01   WOODWARD   ARCO #2114   California Modified Split Spoon   OVM 580 B   No.	AW-7
CM \$/34/01 (GB-57) \$4995 Almaden Expwy, San Jose OVM 580 B MW-7 semiling methods and informatory testing methods and information and informati	CM 8/30/01 (B-57) 4995 Almaden Expwy, San Jose OVM 580 B  See "Legend to Logs" for Boring Surface Groundwater Elevation (ft.): Total Drive sampling method, Diam.(in.): Elev.(ft): Y 148.26 First Water Depth (ft): wt.(lbs.):	
See Taggard to Logs' for campling methods   Beroing   Surface   Taggard to Logs' for characteristic and absonatory   Taggard to Logs' for characteristic and Logs' fo	See "Legend to Logs" for Boring Surface Groundwater Elevation (ft.): Total Drive sampling method, Diam.(in.): Elev.(ft.): V 148.26 First Water Depth (ft.): wt.(lbs.):	Drop
Elev.(ft):   14.82.6 First Water   Depth (ft):   wt.(fts:)   30   140   30   140   30   140   30   140   30   30   30   30   30   30   30	sampling method. Diam.(in.): Elev.(ft.): $\forall$ 148.26 First Water Depth (ft.): wt.(ibs.):	
Well Construction Casing Elev. 175.26  Locking Well Vanit  Locking Well  L		3
Locking Well Vault  Lockin	testing methods 10 175.26 \$\frac{\textstart}{\textstart}\$ 10 175.26 \$\frac{\textstart}{\textstart}\$ 151.49 Stabilized Water 34.0 140	30
Locking Well Vault   Sahedule   Cement Grout   S   Brown (10 YR 4/3) SILTY SAND (SM), trace clay, fine-grained   O   MW-7   10		SAMPLEID
Sastrock/Fill   Vault   Pastrock/Fill   Valt   Va		
[63] Sand	Vault    Caption   Caption	10'

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

ARCO2114.GPJ LOG OF BOREHOLE Log of Well

Approved by-

Figure

(sheet 1 of 2)

## SECOR

Logged By: Date Drilled: Drilling Contractor Project Name: Method/Equipment:  WOODWARD ARCO #2114 California Modified Split Spoon		Number:
		1
CM 8/30/01 (B-57) 4995 Almaden Expwy, San Jose OVM 580 B	] IVI	W-7
Drive Control on the Drive Surface (Groundwater Flevation (ft.): Total Drive		Drop ist.(in.):
sampling method, Diam (in.): Elev.(ft.): $\nabla$ 148.26 First Water Depth (ft.): WL(108.):	1	
classifications and laboratory 10 175.26 1151.49 Stabilized Water 34.0 140 testing methods	┵	30
Well Construction  Remple 17.10  Sample 17.10  Description	. PID (ppm)	SAMPLEID
Find Cap  Brown (10YR 5/3) SILTY CLAY (CL), with fine-grained sand, hard, moist, moderate plasticity, large rootholes, (0, 15, 25, 60)  Dark Grayish Brown (10YR 4/2) SAND (SP), with silt, fine-grained sand, medium dense, wet (0, 90, 10, 0)  Drilled to 34' Sampled to 33'  Apprints  See D. Grover  No. 4974  Reports  5-31-02	0	MW-7 25

The substrata descriptions above are generalized representations and based upon visual/manual classifications and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

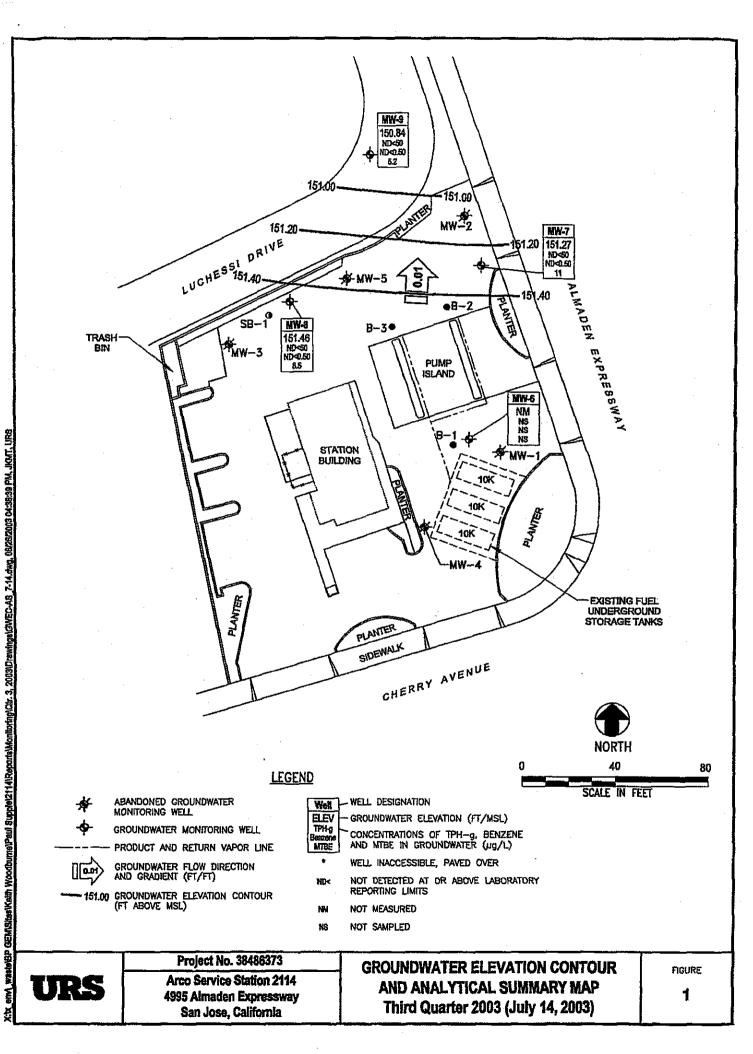
Date 8/29/01

ARCO2114.GPJ LOG OF BOREHOLE Log of Well

Approved by

Figure

(sheet 2 of 2)



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Sanka Clara Valley Water	רייויט	Λ
war ready ficted	DISGICE	U

# WELL CONSTRUCTION COMPLETION NOTICE

FCE 158A (08-14-98) Inspector: Mann Owner/Consultant Well No MW-+ Well Registration Address of Well Site: Drilling Company: Consultant: Cond. Bore: Conductor Depth: Conductor Diameter & Material: BOC: Blank Casing Diameter & Material: Filter Pack Material: Screen Diameter Material, & Size: Screen Interval(s): Sealing Material: Neat Cement 10 Sack Sand Slurry Drilling Method: HSA ☐ Bentonite Mud rotary Other (See Comments) Other (See Comments) Direct Push Well Type: K GW Monitoring ☐ Air Rotary GW Extraction ☐ Vadose Monitoring ☐ Vadose Extraction Cathodic Domestic ☐ Agricultural ☐ Municipal/Industrial ☐ Elevator Other (See Comments) Well constructed according to provisions of Santa Clara Valley Water District Permit? Yes ☐ No (See Comments) Well Location: ft. E/W: **GPS Coordinates:** Long: Comments: Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDNENROD-Permittee

WELL CONSTRUCTION APPLICATION

5750 Almaden Expressway, San Jose, CA	95118 (408) 265-26	00		FC 158 (04-22-92) (DP 4-901)
	Emilyon Shorts	(40 EV OBTRIO)	Vri Perjures N. Gaz Est S	.cundor
Chrost British	***	2	Difflaca Cod No. (1997)	19317
	TO BE COMPLETED B	Y OWNER AND DRILLER		
Property Owner: Attautic Richfield Co.	Well Owner (if different	!	Moodward	Drilling
Address: P.O. Box 6549		iden Exprisió	710079	nse Number (C-SDReq'd):
City, State, Zip: Morocco, CA 94570	City, State, Zip: SunJose, (	A 95118	550 River	Road
725 - 299 - 8891	PS-29		City, State, Zip: Rio Visto	CA94571
Assessor's Parcel No. of Well site:  Book 569 Page 0   Parcel 03	Owner's/Consult	ant's Well No:	Telephone No: 76.7-374	-4300
	ess than 50 ft. Municipal/Industrial Impose of obtaining repet ration and investigation por or site-specific groundwa	50 to 300 ft. Agricultural itive water level measurer surposes as well as those ster monitoring of existing	nents and/or repetitive air s	Cathodic Protection samples for analysis. mance with the aterials storage
NAME OF BUSINESS AT WELL SITE: A	h City or County Hazard N: Subsurface CDSENIC	ous Materials Storage Per e Investion e Station	mit Ordinance	Exploration studies Extraction/Recovery
If proposed well is to meet compliance with a Haz	zardous Materials Storag	e Permit Ordinance has ti	e City or County been con	tacted? ☐ Yes ☐ No
	F.(	Type of monitoring device		Vadose
	3	Type of extraction device	· = · •	Vadose
Consultant's Name (Company): SECOR Internation	al Toc	Monitoring well use: Vedose device installation	n: ☐ Vapor ☐ Interfac	
Address: 1225 Peac Ave 5.	110	Dw - JVB		
City, State, Zip:	3	No substit	ne of Responsible Proteins ution of signature will be a	conted)
Telephone No.: 650-691-0131		Registration No. Civil Engineer	ORU. 4974 Cent	ficate No. Engineering logist
TOPOGRAPHIC FEATURES			47	2
Well is to be constructed: In a public sides	valk 🔲 in a public road	i 🔲 On public property	On paratir probably	On SCVWD property
Within 50 ft of the top of a creek bank	☐ Yes 🖾 t	to Within 50 ft. of any ex	disting well	Yes No
Within 50 ft. of a sanitary sewer	☐ Yes 🖾 ı	(o Within 150 ft of a ces	spool or seepage pit	Yes 🔽 No
Within 100 ft. of a pit privy, septic tank, leachfield	Yes 🖾 I	Other wells exist on the		Yes No
CERTIFICATION BY WELL OWNER/AGENT			Active Inactive	Abandoned
I certify that the information given above is com- conditions of this permit, the Santa Clara Valley of the County or City, as appropriate. It is my n which is indicated on this application form.	i Wales Districte (Trains)	VACUILI DAG KANNIPAND	THE HEITHRY CLE AUTHORISE	SIDIBUR PRIME CIURIONV
James Rotchen /4	7) <u> </u>	8-9-01	al British (1965) (1965) Tiribirah	De associationAs
Signature of Well Owner (Agent	en 9	Date (-9-01	Sparente Line	•
Signature of Driller/Agent	l .	Date Control of the C	Part refer to the Part	the complex seed
MIPORTANT: A minimum 24-hour no	itice must be given to va 2660 For weekend	SUVWD Well Inspection is, holidays, after hours	i Dept. prior to installing call (408) 395-8121 or (4	uic armaar seal. 08) 927-0714.

ORIGINAL File with DWR		WELL COMP		ORNIA ON REPORT	r Masic	)/E	WIM OOG
Pageof	****	Refer to Im				TATE WELL NO	DISTATION NO.
Owner's Well No. Date Work Began	0 0 0 1 20	nded 8 30 01	772	2317	LATITUDE		LONGITUDE
Local Permit Age		. w. D		į.			
	<u> F8PMW10</u>	Permit Date	8/3	<u>ग्रा</u>		APN/TAS/	लें
	GEOLOGIC I			Name ATVANT	C RICHER	WNER —	IPAIN
ORIENTATION (∠)	DRILLING HOLLOW ST	ZU KWCO	(SPECIFY)	Name Mailing Address	10. 80X	6549	11/10/2
DEPTH FROM SURFACE	DE	SCRIPTION	4.	MOKAGA			CA 94575
Ft. IO Ft.	Describe materi	al, grain size, color, etc.	- Si	Address 4995	WEIT VE	C)TION X	STATE ZIP
1		1. 12. Inc.	14	4 * MACHE C-1-3	JUSC	N EV	(Key-JWH) 1
		7 th 14	1.	County SAN		<u> </u>	) (1
				APN Book 541	•	Parcel	30 ×
0	a otto	alied	- 14	Township	Range	Section Longitude	, , west
	ee aw	CMC4		DEG. MIN		Longitude .	DEG. MIN. SEC.
	. 1			290	- NORTH		NEW WELL
	DOVINA	<del>- {00{</del>		· ·			MODIFICATION/REPAIR
			<u> </u>		^	٨	Other (Specify)
		<u> </u>		Can	attack	ed	DESTROY (Describe Procedures and Materials
		1: 3t		see a	attach p	יטט	Under "GEOLOGIC LOG")  PLANNED USES (=)
		P I		ma.	<i>(</i> )		WATER SUPPLY
i		1		7.10 <sub>1</sub> 0	ſ	P=	Domestic Public   Irrigation Industrial
			· · · · · · · · · · · · · · · · · · ·	WEST	•	EAS	MONITORING Y
				4	•	•	CATHODIC PROTECTION
		51 s	<del></del>	i			HEAT EXCHANGE
1			i.	₩ }			INJECTION
		1 1 1	d	Î			VAPOR EXTRACTION
		No to the second of the second	<u>.</u>	Illustrate or Describe D Fences, Rivers, etc. and necessary PLEASE BE	— SOUTH — istance of Well from Boo	ds. Buildings.	REMEDIATION OTHER (SPECIFY)
	:		11	necessary PLEASE BE	ACCURATE & COMP	LETE.	
		i la	Tall T		LEVEL & YIELD TER 48-24 (FL) BI		
		<u> </u>	· ·	DEPTH OF STATIO		ELOW SOHPAC	
1			<del></del>	ESTIMATED YIELD		E MEASURED _	
TOTAL DEPTH OF	•			1	(Hrs.) TOTAL DRAW		(Ft.)
TOTAL DEPTH OF	COMPLETED WELL	32 : Feet!		* May not be represe	entative of a well's lo	ig-term yield.	.:
DEPTH	BORE.	CASING (S)			DEPTH	ANN	ULAR MATERIAL
FROM SURFACE	HOLE TYPE(=)	MATERIAL / INTERNAL	GAUG		FROM SURFACE	CE- BEN-	TYPE
Fl. to Ft.	DIA, (Inches) BLAVAR (SCREEN CONCION)	GRADE DIAMETER	THICKNE		Ft. to Ft.	MENT TONITI	I (TYPE/SIZE)
0 18	10 🗸	eve 4	40		0 14		
18 33	10 /	PVC 4	यर	0.020	14 16		/ 10 CLID
;					19 77	<del>                                     </del>	1 \$3 SAND
•					l l		
ATTAC	HMENTS (2)			CERTIFICAT	ION STATEMENT	<u> </u>	<u> </u>
Zaeologii		I, the undersigned, co	rtify that	this report is complete			nowledge and belief.
	nstruction Diagram	NAME PERSON FIRM OF	GRPOR ATVIN	JIEKNATI	UNAL	. <u>-</u>	
	sical Log(s)	1230 IA	H7K		WTAN VI	ew	CA 94043
Other S	SITE PLAN	ADORESS N	1,1	i 04 20	CITY	24.1/1	STATE 2.0000
ATTACH ADDITIONAL	INFORMATION, IF IT EXISTS.	Signer West Drikler/AUTH	ALLED REPRE	1401-1000ti	ward ;	<u>1/246 (</u> NE SIGNED	C-57 LICENSE MUMBER
DWR ISS REV 11-97	IF ADDITI	ONAL SPACE IS NEEDED.	USE NE	XT CONSECUTIVELY	- NO (		178

126

11

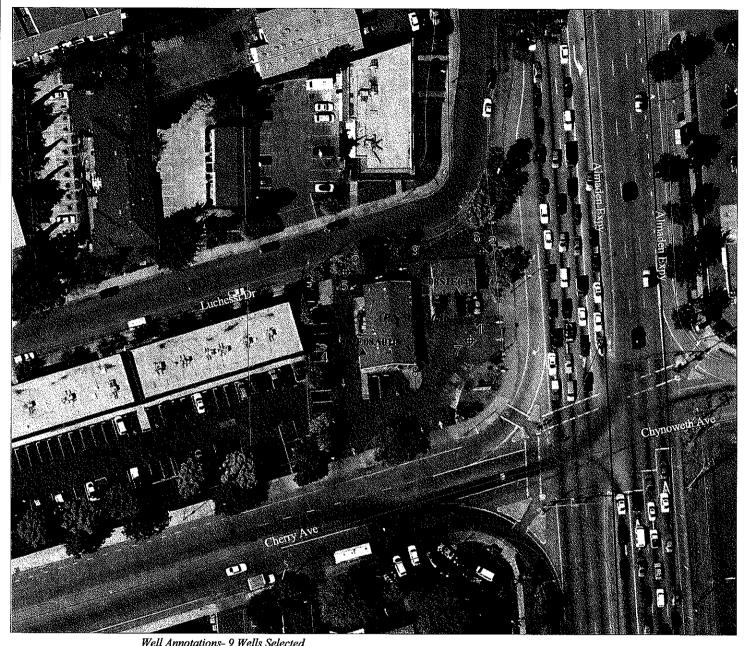
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Complete of the second

# Santa Clara Valley Water District 5750 ALMADEN EXPRESSWAY SAN JOSE, CA 95118-3686

# 4995 Almaden Expwy





APN: 56901036 4995 Almaden Expy San Jose CA 95118

Ŋ	eu z	innotations- 9	wens sere	ciea			
	No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
Ī	1	08S01E04N008	01W00986	MW-6	Other-Active	6161047	1919818
١	2	08S01E04N009	01W00987	MW-7	Other-Active	6161057	1919888
-	3	08S01E04N010	01W00988	MW-8	Other-Active	6160948	1919873
-	4	08S01E05R008	86W0272	A2114-B7	Other-Active	6160923	1919795
ı	5	08S01E05R009	96D01033	MW-3	Destroyed	6160938	1919852
ı	6 .	08S01E05R010	96D01034	MW-2	Destroyed	6161044	1919891
ı	7	08S01E05R011	96D01030	MW-1	Destroyed	6161029	1919801
	8	08S01E05R012	96001032	MW-4	Destroyed	6160995	1919784
	9	08S01E05R013	96D01031	MW-5	Destroyed	6160995	1919880

Wells.shp → Water Supply - Active Water Supply - Standby ■ Water Supply - Inactive Extraction (Env) - Active Extraction (Env) - Inactive Other - Active Other - Inactive \* Abandoned Destroyed ▲ Status Undetermined Parcels.shp Fuelleak.shp
VALFLOOR.SHP
Zone 1
Zone 2 Zone 3
Zone 4
Zone 5

::\gisprojects\well\_info.apr

80 Feet

SECEDVE	

# WELL DESTRUCTION APPLICATION FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOS	- CA 95118-3686		DISTRICT	PERMIT NO.:
Please complete all information.	., 0.7.00710-0000			5)10583
Well Owner:	Property Owner:		Name of Bu	siness/Residence at Well Site:
Atlantic Richfield Company	Atlantic Richfield C	Company	ARCO Se	ervice Station # 2/14
Well Owner's Mailing Address:	Property Owner's Mailin		Address of	
P.O. Box 6549	P.O. Box 6549		4995	Almaden Expressiony
City, State, Zip:	City, State, Zip:		Citv. State,	Zip:
Moraga CA 94570	Moraga, CA 94570		San Jos	
Telephone No.:	Telephone No.:		Assessor's	Parcel Number of Well Site:
925-299-8891	925-299-8891		Book: 569	
Consultant:		Drilling Company:		
URS Corporation		Gregg Drillin	ng	
Address:		Address:		
1333 Broadway, Suite 800		950 Howe Ro	ad	
City, State, Zip:		City, State, Zip:		
Oakland CA 94612		Martinez, CA 9	4553	
Telephone No.:		Telephone No.:		C-57 License No.:
510-874-3026 Attn: John McCain		925-313-5800		485165
Check if address or phone number has change	d.	Check if address or	r phone numbe	er has channed
				344
All questions below are to be complete	d hefore nermit can	he issued: if unknow	un applica	nt abalt make an att
investigation to determine correct answ	ers.	De losaea, il diikiloi	vii, applica	iit siidii iiidke on-site
	Well Info	Emation		
Well Registration No.:	Owner/Consultant Well N			
0850/E04ND10	MW-	/0	Onginal Wei	Construction Permit No.:
Well Casing Denth:	Total Boring Depth:	0 /	Metl Ossiss	01000988
3 <b>2</b> -5'	33°	1	Well Casing	Diameter;
THIS SECTION TO BE COMPLET CASE NAME: ARCO Service Station	IED FOR ALL MONITO	DRING WELLS OR EX	TRACTION/	RECOVERY WELLS
			•	
Oversight Agency: Santa Clara Co. Env. Health	If under S.C.V.W.D. over	rsight, list Case Number(s	):	
	·			
☐ Well on SCVWD property/easement*	☐ Well is within 50 feet	of the top of a creek/river	bank*	(* See General Conditions, E.)
Well Description:	_			( Goo Concial Conditions, E.)
☑ Vertical Well ☐ Dewatering Well	☐ Elevator Shaft	T Multiple Operior		
<del>-</del>	TI Devator Strait		Horizon	tal Wall
Well Type: check all that apply				
☐ Water Producing ☐ Contamination (supply or extraction)	Zleanup 🔲 Agricultu	ıral 🔲 Domestic 🛛	☐ Municipal &	Industrial
Monitoring Inclinometer Groundw	ater 🔲 Vadose 🔲 F	Piezometer 🔲 Interface	e ☐ Suct	ion Lysimeter
☐ Injection/Infiltration ☐ Contain	nination Cleanup	Reclaimed Water		☐ Air Sparging
☐ Cathodic Protection				i
Additio	onal Questions Fo	r Water Producing	Wells	
Does the well have: 1. Outer conductor cas 2. Annular cement sea		Yes D		······································
surface?	Judice of Cashing at	☐ Yes ☐	IVO	1
3. A S.C.V.W.D. water	meter attached?	☐ Yes	₩o	ì
Type of Original Drilling Method:				·
☐ Rotary ☐ Cable-Tool ☐ Hand Dug	Pit Weli Hollow S	tem Auger 🔲 Other	Γ:	İ



## WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 2 of 4

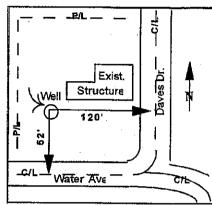
### Site Plan

#### **WELL LOCATION**

(Draw accurately; recommend using assessor's map)

- Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
- 2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.





Sketch well location as described above:

## WELL DESTRUCTION APPLICATION

C 198w (12-16-02)

Page 3 of 4

Please describe, in detail, the proposed destruction	method*:	
Well destruction via pressure grout accor	ding to SCVWD guidelines.	
*Any well destruction in which the well casing destroyed using approved neat cement grout.	is left in place and in which the well has a filter pack ou	tside the casing, must be
I understand that all work is to be done in accordance conditions of this permit (see page 4). I also cer NOTE: All applicable signatures must be presented.	rdance with the District Well Ordinance, the District Well rtify that the information given in this permit is correct. ent before permit will be processed.	Standards, and the
Signature of Well Owner/Agent:	Print Name:	Date:
	John McCain/ URS for Atlantic Richfield Co	
Signature of Driller/Agent:	Print Name:	Date:
	Shannon Couch/ URS for Gregg Drilling	
Signature of Consultant (If any):	Print Name:	Date:
<u> </u>	John McCain URS	
	DISTRICTUSE ONLY	
The District has approved the following des	truction methods for the well described in this perm	it:
Pressure Grout Method (as outlined in S NOTE: Neat cement is the only sealing	material approved for pressure grouting.	
Drill out well to a total depth of	33 feet, with a minimum bore of	ofO inches.
☐ Clean out well casing to a total depth of depth is unknown, driller must determin material approved for back filling gravel	feet and back fill with approved se total depth during clean out of well). NOTE: Neat of packed wells.	ealing material (if total cement is the only sealing
☐ Well casing must be perforated at the fo	ollowing depths prior to backfilling:	
Other:		
· · · · · · · · · · · · · · · · · · ·		
Permit Approved By:	Date:	
b Can	w	1-14,05
	ssued: Expiration Date: Driller's	
05700583 9	-14-05 3-14-06 02	975)

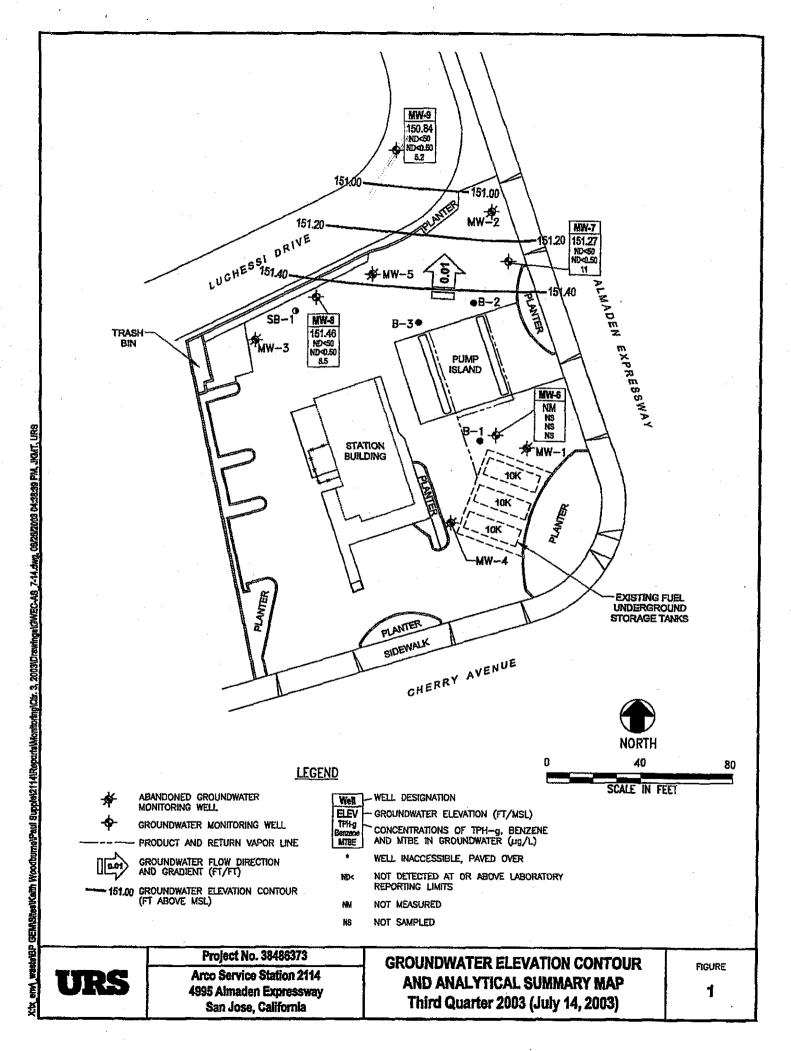
### WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 4 of 4

#### **GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (If applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.



# **SECOR**

International incorporated Well Number. Method/Equipment: Date Drilled: Drilling Contractor Project Name: Logged By: California Modified Split Spoon ARCO #2114 WOODWARD MW-8 4995 Almaden Expwy, San Jose **OVM 580 B** 8/29/01 (B-57)Drop Dist.(in.): Surface Elev.(ft.): Total Depth (ft.): Drive wt.(lbs ): Boring Diam.(in.): Groundwater Elevation (ft.): See "Legend to Logs" for sampling method, classifications and laboratory 151.43 First Water 30 33.0 140 ₹151.78 Stabilized Water 10 176.43 testing methods Sample Type Depth, (ft.) Well Description Construction Casing Elev.: 176.43 Asphalt Locking Well Vault Bedrock/Fil Very Dark Grayish Brown (10YR 3/2) SANDY SILT (ML), with clay, fine-grained sand, hard, dry, low plasticity (0, 30, 60, 10) Brown (10 YR 4/3) SILTY SAND (SM), fine-grained sand, dry, very dense, rootholes (0, 75, 25, Cement Grout Brown (10YR 4/3) SANDY SILT (ML), fine-grained sand, hard, dry (0, 25, 75, 0) 4" Schedule 40 PVC Blank Casing Brown (10 YR 4/3) SILTY SAND (SM), with gravel, fine-grained sand, dry, very dense, rootholes (0, 75, 25, 0) Bentonite Dark Brown (7.5 YR 3/4) SANDY CLAY (CL), with silt, fine-grained sand, very stiff, moist, moderate plasticity (0, 30, 20, 50) Grades with gravel Brown (10 YR 4/3) CLAYEY GRAVEL (GC), with fine-grained sand, fine well-rounded #3 Monterey gravel, very dense, moist (50, 15, 15, 20) Sand

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

Log of Well

Approved by

Figure

(sheet 1 of 2)

ARCO2114.GPJ LOG OF BOREHOLE

## **SECOR**

Well Number. Method/Equipment: Project Name: Drilling Contractor Logged By: Date Drilled: California Modified Split Spoon WOODWARD ARCO #2114 MW-8 OVM 580 B 4995 Almaden Expwy, San Jose (B-57)8/29/01 See "Legend to Logs" for sampling method, Drop Dist(in.): Surface Elev.(ft.): Groundwater Elevation (ft.) Total Boring Diam.(in.): Depth (ft.): wt.(Ibs.): 151.43 First Water classifications and laboratory testing methods 30 140 176.43 ₹151.78 Stabilized Water 33.0 10 Depth, (ft.) Well Description Construction Brown (10 YR 4/3) SANDY GRAVEL (GM) with silt and trace clay, fine-grained sand, fine to medium gravel, very dense, wet (55, 25, 15, 5) 4" Schedule 40 PVC 0.020 Slotted Screen Grades wet End Cap Drilled to 33' Lithologic description assumed to be the same as boring SB-1 because of the close proximity. 35 40

The substrate descriptions above are generalized representations and based upon visual/manual classifications and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

ARCO2114.GPJ LOG OF BOREHOLE Log of Well

Approved by

Figure

(sheet 2 of 2)

Inspector:	Thin	<u> </u>		Date of Inc	spection /	·			
Owner/Consultant	Thies	riann		{}	013	10/01	Permit: O/	WOC	)9
		MW.		Well Regis	stration No.:	8 1	SOIFOY	NOU	ク
Well Dwner: R	chfield	Address of	Well Site:	Almad	440			County:	~
Drilling Company:	Wood	<del></del>	Consultant:		SECO	ZXP		<del></del>	<u> </u>
Cond. Bore:	Conductor Depth:	Conducto	r Diameter	1	عاجرت	K	MV		
TD: 33.5	Boc: 3	8 Materia		Plank	Casing Diame	•			
Filter Pack 4	Filter Pack 72		neter:	. & Mate	erial:	ter 4	" PV	<u> </u>	
Material: 74 3	interval(s): -16	Bent: 16:14	Screen Diag	Opters Materia	020	Screen Interval(s)	33	- 18	?
Sealing Material:	Neat Cement Bentonite	☐ 10 Sack Sa ☐ Other (See		Drilling Me	7	SA	Mud rotary Air Rotary	Other (	(See
Well Type: 📉 GW	Monitoring	1.0	☐ Vadose Moi	nitorina []				<del></del>	
L					] Vadose Extr	action	Cathodic		
			Municipal/in		Elevator		Other (Se	ee Comment	(s)
Well constructed a	ccording to provision	s of Santa Clara Val	lley Water Distr	rict Permit?	X Yes	¹ □ No (Se	e Comments)	-	
Well Location:	72 n <b>⊗</b> s:	Cherry	ft. E/W:	161	11/2	1	1/4.1		<del></del>
GPS Coordinates:	Lat:		Long:	<u> </u>	MIO		Almad	en c	10
Comments:	37 /5	30.4.							
	37 15	33.84	1 N/		- 121	52	36,6	(ユハノ	t

### Santa Clara Valley Water District

Santa Clara Valley Water District 5750 Almaden Expressway, San Jose, CA 85118 (408) 265-

WELL CONSTRUCTION APPLICATION

	OFECOUP	ent del Well-britte	FC 158 (04-22-92) (DP 4-90)
	Terrane		Hall Registration No. 1
7222200 F			Carrier
	Complete Complete Committee Committee	002	772919
	TO BE COMPLETED	BY OWNER AND DRILLE	R
Property Owner:	Well Owner (if differer		Drilling Co:
Attautic Richfield Co.		1	Woodward Drilling
P.O. Box 6549	Address of Well Site	aden Exprum	Oriller's Contractors License Number (C-5) Requi)
City, State, Zip: Morocoa, CA 94570	Cily State, Zip:	CA 95118	Address: 550 River Road
925-299-8891	Telephone No. 925-290	1-8891	City, State, Zip: Rickista CAGUS71
Assessor's Parcel No. of Well site:  Book 569 Page 0 \ Parcel 0 E	Owner's/Consu	tant's Well No:	Telephone No:
Estimated depth of completed well:	ess than 50 ft.	50 to 300 ft.	
Purpose of Well: Domestic	Municipal/Industrial	Agricultural	☐ Over 300 ft. ☐ *Monitoring ☐ Cathodic Protection
*Monitoring wells are those constructed for the purchase includes wells constructed for general explored Hazardous Materials Storage Permit Ordinance funds.	irpose of obtaining reperation and investigation or site-specific groundw	titive water level measure purposes as well as those ater monitoring of existing	ments and/or repetitive air samples for analysis.
THIS SECTION TO BE COMPLE	TED FOR ALL MON	TORING WELLS OR	EXTRACTION/RECOVERY WELLS
Purpose of Monitoring Well: To comply with	h City or County Hazan	lous Materials Storage Pe	mit Ordinance
		ce Investion	Ction Extraction/Recovery
4	Cosenc	e station	72114
If proposed well is to meet compliance with a Haz	ardous Materials Stora	ge Permit Ordinance has t	the City or County been contacted?
i i		Type of monitoring device	ce: ☑ Groundwater ☐ Vadose
Consultant's Name (Company):		Type of extraction device	e: Groundwater DVadose
SECOR Internation	U.Toc	Monitoring well use: Vadose device installation	Depth Quality Chloride
Address:	. ^	Vaccose device iristaliation	C T The C Through C Concust Chamilleten
1225 Pear Ave, S.1	(0)	Signati	Te of Responsible Prespisional
City, State, Zio:	3	(No substit	ution of signature will be accepted)
Telephone No.:		Registration No. Civil	E E CHAMS FI
650-691-0131		Engineer Civil	Of North No. Engisheering Geologist
TOPOGRAPHIC FEATURES			5/8/12
Well is to be constructed: In a public sidews	alk 🛄 in a public road	On public property	On private property
Within 50 ft of the top of a creek bank	☐ Yes Ki N	o Within 50 ft. of any ex	isting well Yes No
Within 50 ft. of a sanitary sewer	Yes 🔯 N	o Within 150 ft of a cess	pool or seepage pit 🔲 Yes 🔀 No
Within 100 ft. of a pit privy, septic tank, leachfield	☐ Yes 🖾 N	o Other wells exist on thi	s property 🔲 Yes 🔯 No
CERTIFICATION BY WELL OWNER/AGENT A			ctive  Inactive  Abandoned
I certify that the information given above is correct conditions of this permit, the Santa Clara Valley Vof the County or City, as appropriate. It is my resident is indicated on this application form.			of any changes in the purpose of this well from that
Skgpature of Well Owner/Agent		-9-6/ Date	randerska mad predskrij <b>an</b> Takonso
Similie Onder La	R 8	-9-01	5000 + 50 4
Signature of Dritter/Agent/		Date	
MAPORTANT: A minimum 24-hour notic			

ORIGINAL File with DWR,		WELL		DE CALIFO LETIO	RNIA N REPO		OILEIC	0410010
Page of 4	1112	9	Refer to In	struction Pa	amphlet ;		STATE WELL N	O./STATION NO.
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# Santa Clara Valley Water District

SAN JOSE, CA 95118-3686

# 4995 Almaden Expwy





APN: 56901036 4995 Almaden Expy San Jose CA 95118

Well Annotations- 9 Wells Selected

No	Well_nbr	Permit	Consultnum	Statuș	Easting	Northing
1	08S01E04N008	01W00986	MW-6	Other-Active	6161047	1919818
2	08S01E04N009	01W00987	MW-7	Other-Active	6161057	1919888
3	08S01E04N010	01W00988	MW-8	Other-Active	6160948	1919873
4	08S01E05R008	86W0272	A2114-B7	Other-Active	6160923	1919795
5	08S01E05R009	96D01033	MW-3	Destroyed	6160938	1919852
6	08S01E05R010	96D01034	MW-2	Destroyed	6161044	1919891
7	08S01E05R011	96D01030	MW-1	Destroyed	6161029	1919801
8	08S01E05R012	96D01032	MW-4	Destroyed	6160995	1919784
9	08S01E05R013	96D01031	MW-5	Destroyed	6160995	1919880

Wells.shp

→ Water Supply - Active

Water Supply - Standby

Water Supply - Inactive

Extraction (Env) - Active

Extraction (Env) - Inactive

Other - Active

Other - Inactive

\* Abandoned

Destroyed

Status Undetermined

Parcels.shp

▲ Fuelleak.shp VALFLOOR.SHP

Zone 1 Zone 2 Zone 3 Zone 4

80 Feet c:\gisprojects\well\_info.apr

#### **Attachment B**

DWR Well Completion Reports (Original copy submitted to the SCVWD Wells Division)

Dec 22, 2005 - 9:22am X: tr\_env| waste BP GEM Sites/Lynelle Onishi - SCVWD ARCO Sites/Paul Supple/2114 - closed/Reports/Monttoring/Qrt. 3, 2003/Drawings/GWEC-AS\_12-9.dwg

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# WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Owner/Consultant No	Pate of Inspection 105 Well Registration	Permit 5500581
Afficiation Company	s of Well Site 1995 A	Ety) or Gounty
Wall Depth Berehola Djametar, Ca Casing Perforated:	sing Diameter   Casing Material   Well T	YPE KTHSA Rotary Other (see Sable Took Comments)  t Cement M 10 Sack Sand Slurry
Destruction Method Pressure Grout  Ball, Perf. & Backfi		tonite Other (See Comments)
Well destroyed according to provisions of GPS Coordinates Lat	Santa Clara Valley Water District Permit?	Yes I No (See Camments)
Comments:		
Distribution: ORIGINAL Permit File: YELL	OW-City/County: PINK-Well File; GOLDE	NROD-Remittee

Logged By:	Date Drilled: 8/30/01	Drilling Cor WOODW (B-57)	ARD		Project Name: ARCO #2114 aden Expwy, S	an Jose	Califo	Method/Equipm ornia Modified ( OVM 580)	Split Spoor	n.	Il Number: /IW-6
See "Legend to sampling metho classifications a testing methods	Logs" for od, and laboratory	Boring Diam (in.):	Sur Elev	fface v (ft.): 5.64	Groundwater  ▼ 150.74 Fi  ▼152.10 Stab	Elevation ( rst Water	r	Total Depth (ft.): 32.0	Drive wt.(lbs.): 140		Drop Dist(in.): 30
Well Construct Casing Elev.: 1	Depth, (ft.)	Sample Type Blows/12"			D	escriptio	п			PID (ppm)	SAMPLEID
Lockii Vault Vault Ceme: Grout 4" Sci 40 PV Blank	ng Well nedule 'C 10 Casing	19	E V ci ( E s	lay, fine-grown (10) and, very s  Dark Brown ine-grained  Dark Grayine-grained	Grayish Brown (rained sand, hard 10)  YR 3/4) SANDY stiff, moist, mode and, medium sand, medium sh Brown (10YR d sand, stiff, most sh Bown (10YR ne-grained sand, ne-grained sand, s	ILTY SAI dense, mo	CL), wicity (C	ith silt, fine-grain, 30, 20, 50)  (1), with gravel, , 65, 20, 0)	ned ned nisilt,	0 0 0 12	MW-6 10' MW-6 15'

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

ARCO2114.GPJ LOG OF BOREHOLE Log of Well

Approved by

(sheet 1 of 2)

International incorporat	<u>ed</u>			•				·		
Logged By. Date I	Orilled.	Drilling Cont			Project Name; ARCO #2114	Colifo	Method/Equipm			II Namber:
CM 8/3	0/01	WOODWA (B-57)			ARCO #2114 naden Expwy, San Jose	Сашо	ornia Modified OVM 580	B Spirt Shoot	N	4W-6
See "Legend to Logs" i sampling method, classifications and labor testing methods	or	Boring Diam.(in.)	S FI	urface lev.(ft);	Groundwater Elevation ( V 150.74 First Wate		Total Depth (ft.):	Drive wt.(lbs.):	١.	Drop Dist.(in.):
classifications and labor testing methods	pratory	10		75.64	▼ 150.74 First Wate ▼152.10 Stabilized Wa	ater	32.0	140	'	30
Well Construction	Depth. (ft.)	Sample Type Blows/12"			Descriptio	n			PID (ppm)	SAMPLEID
4" Schedule 40 PVC 0.020 Slotted Screen  End Cap	35—	40			YR 4/3) CLAYEY SILT (1) low plasticity (0, 20, 55, 20, 20, 55, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	), 40, 50	LERED GEO	Very Very	0	MW-6 25

The substrate descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

ARCO2114.GPJ LOG OF BOREHOLE Log of Well

Approved by

Figure

(sheet 2 of 2)

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<u>×</u>	Geologic		•			i, the un	idersigned, ce	rtify that th	nis report is complet	e and accurate to the	best of my kr	owledg	e and belief.
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# WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

inspector:	e regressively assess	Date of Inspec	tion: 1 1 Trs	Perm	" ∧≈ħ\	
Owner/Consultant	FEW	and a second	Well Registr	ation No.:	SOLEON	unos. Unai
Drilling Company	Address	of Well Site:	(15A)v» L	4 Fy	<u>   </u>	iygr Couhty 点丁。
Well Depth B	orenole Diameter: Cas 10		VC .	ell Type v⊠HSA ⊡ Direc	□ Rot t Push □ Cal	le Tool comments)
Destruction Method	\s 10 33 MPressure Grout □ Bail, Perl, & Backfill	Drill Out	☑Excavate	Bentonite [	] 10 Sack Sar ] Other (See (	
GPS/Coordinates	proling to provisions of S Lat	St. A. St. St. St. St. St. St.			Yes 🗊	No (See Comments)
Comments:	BETTE STATE OF THE					
Distribution <b>ORIGIN</b>	IAL Permit File YELL	y <b>W</b> ≟City/County, <b>P</b>	INK-Well File, GO	LDENROD-Permi	itee	

International Incorporate  Logged By Date D		Drilling				Project Name:		Method/Equipm			ll Number
CM 8/30		WOO!	DWAI 1-57)	RD		ARCO #2114 naden Expwy, San Jo	se	lifornia Modified ( OVM 580 l	3	N	1W-7
See "Legend to Logs" for sampling method, classifications and labor testing methods	ratory	Boring Diam (ir 10	ī.):	EI	urface ev.(ft): 75.26	Groundwater Elevat V 148.26 First W V151.49 Stabilized	ater	Depth (ft ):	Drive wt.(Ibs.): 140		Drop Dist.(in.): 30
Well Construction Casing Elev., 175,26	Depth. (ft.)	Sample Type	Blows/12"			Descrip	ption			PID (ppm)	SAMPLEID
Locking Well Vault  Cement Grout  4" Schedule 40 PVC Blank Casing Bentonite  #3 Monterey Sand	5	XX	18	20	Brown (10' sand, media Brown (7.5' sand, media Dark Brown fine-graine	Grayish Brown (10YR rained sand, hard, moi anned sand, hard, moi anned sand, hard, moi anned gravel are to the following the sand of the sand of the sand, hard, moist, moi and, hard, moist, moi and, sand, hard, moist, moi and, rootholes (0, 6), moist, rootholes (0, 6), moist, rootholes (0, 6), and the sand of the san	O (SM), 15, 5)  AND (Si, 15, 20)  Y CLA oderate	plasticity (0, 30, 60, 60, 60, 60, 60, 60, 60, 60, 60, 6	ained	0	MW-7 10'

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

Approved by

Approved by 7

Log of Well

**Figure** 

(sheet 1 of 2)

ARCO2114.GPJ LOG OF BOREHOLE

Logged By   Date Fulfied   Dating Contractor   World Ward   WOODWARD   R/36/01   WOODWARD   R/36/01   WOODWARD   R/36/01   R	International In	corporate	4											
Scarled to Logs for eampling method, classifications and laboratory testing method, classifications and laboratory testing method.   Secting method, classifications and laboratory testing method.   10   175.26   \$\frac{1}{2}\$   \$1	Logged By:	Date D	rilled:										il Number:	
Well Construction  Well Construction  Security in the standard of the standard				W(			4995 Almaden Expwy, San Jose			OVM 580 B			MW-7	
Well Construction  Well Construction  Security of the second of the seco	See "Legend to	Logs" fo	x .	B	oring	S	urface			Total	Drive	Ι,	Drop	
Well Construction  Well Construction  Security in the standard of the standard	classifications	ou, and labor	atory							1 .		-   '		
Grades to decreasing clay (0, 75, 20, 5)  4" Schedule 40 PVC 0.020 Slotted Screen  Brown (10YR 5/3) SILTY CLAY (CL), with fine-grained sand, hard, moist, moderate plasticity, large roofholes, (0, 15, 25, 60)  Dark Grayish Brown (10YR 4/2) SAND (SP), with silt, fine-grained sand, medium dense, wet (0, 90, 10, 0)  Drilled to 34" Sampled to 33"	testing method	8	ا ن		10	1	75.26	¥151.49 Stabilized W	ater	34.0	140		30	
Grades to decreasing clay (0, 75, 20, 5)  4" Schedule 40 PVC 0.020 Slotted Screen  30  Brown (10YR 5/3) SILTY CLAY (CL.), with fine-grained sand, hard, moist, moderate plasticity, large rooftoles, (0, 15, 25, 60)  Brown (10YR 4/2) SAND (SP), with silt, fine-grained sand, medium dense, wet (0, 90, 10, 0)  Drilled to 34" Sampled to 33"	1		Depth, (ft.)	Sample Type	Blows/12"			Description	OTI.			PID (ppm)	SAMPLEID	
	40 PY   0.020   Scree	/C Slotted n	35- 40-		58		Brown (10) hard, moist Dark Grayi sand, media	YR 5/3) SILTY CLAY (0, moderate plasticity, largest Brown (10YR 4/2) Sam dense, wet (0, 90, 10, 4')	CL), with the rooth	oles, (0, 15, 25, 6) P), with silt, fine	50)	0	MW-7 25	

The substrate descriptions above are generalized representations and based upon visual/manual class of substrate cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

ARCO2114.GPI LOG OF BOREHOLE Log of Well

Approved by

**Figure** 

(sheet 2 of 2)

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	mit No		500			2	nit Date	9-	14-05				ΑΑ	PN/TRS	OTHER	
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_		er Chemical	Analy	ses		950 ADDRESS	Howy 1	Kd.			<u> </u>	CITY	3		4	74757
	Other	INEODIA ***		(T =	vinto	-11 /	-A-A	0	$\rightarrow$			1}	-29	-05	->IAIE ->	185165
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# WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector:  In review of the control	Date of Inspection 105 Well Registration 1	Permit: OST	<u> </u>
AWall Owner: Address to Drilling Company	if Well Site: 41975 Alvoquita	ORSOJEC Legy	ETY O County
Well Depth Borehole Dlameler Casin	g Diameter:   Casing Material:	° DysA Direct Push D	Rotary Differ (see
Casing Perforated:  15 to 33  Destruction Method Pressure Grout	Sealing Material; Deat C  Bentor  Drill Out  Sealing Material; Deat C	ement 2 10 Sack	Sand Slurry
Ball, Perf. & Backfill Well:destroyed according to provisions of Sa	☐ Bail & Backfill ☐ Other (See Cor		No (See Comments)
GPS Coordinates Lat Comments	Long:		1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
Disfibilion: ORIGINAL*Remittelle YELLOV	Y.City/County: PINK-Well File: GOLDENF	ROD Permittee	

Logged By: Date Drilled:  CM 8/29/01		Drilling Contractor WOODWARD (B-57)			Project Name: ARCO #2114 4995 Almaden Expwy, San Jose			Califo	Well Number.  MW-8			
See "Legend to Logs" for sampling method, classifications and laborate testing methods			Boring Diam.(in.):		Surface Elev.(ft.): 176.43		Groundwater Ele	Water	•	Total Depth (ft.): 33.0	Drive wt.(lbs ): 140	Drop Dist.(in.): 30
Well Construction		Depth, (ft.)	Sample Type		Description							•
Lockin Vault	ng Well				sphalt edrock/ ery Dar ry, low	k Grayish	Brown (10YR 3/2) 0, 30, 60, 10)	SAND	r SILI	'(ML), with clay	y, fine-grained	l sand, hard,
Cemer Grout		5-		0)	)		SILTY SAND (SM					iles (0, 75, 2
4" Sch 40 PV Blank	redule C Casing	10-		В	rown (1	(OYR 4/3)	SANDY SILT (MI.	), fîne- <sub>{</sub>	graine	i sand, hard, dry	(0, 25, 75, 0)	
Bento	nite	15-		Bi	rown (1 ootholes	10 YR 4/3) s (0, 75, 25	SILTY SAND (SM	), with	gravel	, fine-grained sar	ad, dry, very c	lense,
		20-		m G	oderate rades w rown (1	plasticity with gravel OYR 4/3)	R 3/4) SANDY CL (0, 30, 20, 50) CLAYBY GRAVE	L (GC)	•			
Sand	onterey		$\mathbb{N}$	gr	avel, v	ery dense, 1	noist (50, 15, 15, 20	)) ` · ·				<u></u>

The substrate descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

Date 8/29/01

Log of Well

Approved by

(sheet 1 of 2)

ARCO2114.GPJ LOG OF BOREHOLE

nternational in					<u>.</u>	·			
Logged By:	Date Drilled:	Drilling Co			Project Name:	C-715	Method/Equipm rnia Modified t	Well Number:	
СМ	8/29/01	WOODV (B-5)			ARCO #2114 aden Expwy, San Jose	Califo	MW-8		
See "Legend to sampling metholassifications	Logs" for	Boring	St	rface	Groundwater Elevation (		Total	Drive	Drop Dist.(in.):
ampling methods	XI, and laboratory	Diam (in ):	1	v.(ft.):		r	Depth (ft.):	wt.(Ibs.):	
esting methods	ino mivoranory	10	17	6.43	▼151.78 Stabilized Wa	iter	33.0	140	30
Well Construct	Depth, (ft.)	Sample Type			Descr	iption			
4" Sci 40 PV 0.020 Screen	C Slotted		Brown (1 medium p Grades w	gravel, very	SANDY GRAVEL (GM) dense, wet (55, 25, 15, 5	with sil	it and trace clay,	fine-grained	sand, fine to
	35			=	on assumed to be the same	as bori	ng SB-1 because	e of the close p	oroximity.
	40						/ TER	ED GEOLO	
	,	-			ons and based upon visua	<del></del>		10.4974 6.4974 5-31-02	/or samples

The substrate descriptions above are generalized representations and based upon visual/manual classifications and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 006.03935.040

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Log of Well

Figure

(sheet 2 of 2)

ARCO2114.GPJ LOG OF BOREHOLE